### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

## **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start		Rating **	Α	Issue No.		3								
LM End		Issue Type +	Ма	Location *										
Category Earthen Levee			GPS Latitude/Longitude											
Category				Start		End								
Item	s & Maintenai		0		0									
пеш	Manuals			0		0								
DWR ID	DWR ID DWR_RD2068_01_f _ 2014_3													
		Comn	nent Cod	le										
			•											
		Inspecto	or Comm	nent										
RD 2068 h	as the O&	M Manual on	hand.											

No Photos

LM Start		Rating **	Α	Issue No.		4	_
LM End		Issue Type +	Ма	Location *			_
Category Earthen Levee				GPS La	atitud	de/Longitude	
Calegory	Category					End	
Item	Flood Pre	lood Preparedness & Training			0		0
Item					0		0
DWR ID	DWR_RD2	068_01_f _ 201	4_4				
		Comn	nent Cod	le			
		Inspecto	or Comm	ent			
RD 2068 c	rew memb	ers are traine	d yearly.				

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start		Rating **	Α	Issue No.		5	
LM End		Issue Type +	Ма	Location *			
Catagony	GPS La	atitud	le/Longitude				
Category				Start		End	
Item	Emergency Supplies &				0		0
пеш	Equipmer	Equipment			0		0
DWR ID	DWR_RD2	068_01_f _ 201	4_5				
		Comn	nent Cod	le			
		Inspecto	or Comm	nent			
RD 2068 has emergency supplies stored.							

No Photos

LM Start	0.40	Rating **	М	Issue No.	sue No. 15		
LM End	0.40	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory		Start		End			
Item	Trim / Thi	n Trees		38.4027	05°	38.402705	0
item				-121.6937	90°	-121.693787	0
DWR ID DWR_RD2068_01_s _ 2017_15							
	Comment Code						
							$\neg$

T1 : Trim trees to at least five feet above ground level.

#### Inspector Comment

Trim the tree on the landside shoulder levee mile 0.40.



Trim trees to allow inspection and access to landside slope and toe.

LM Start	2.69	Rating **	A/W	Issue No.		19		
LM End	5.48	Issue Type +	Ma	Location *	CR			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory			Start		End			
Item	Vegetatio	n		38.369500°		38.329110 °		
item	-121.693953 ° -121.69409							
DWR ID	DWR_RD2	068_01_s _ 201	7_19					
		Comn	nent Cod	de				
V9 : Keep	the crown	roadway free	of veget	ation.				
	Inspector Comment							
Crown is c	urrently fre	ee of vegetation	n.					



Crown is currently free of vegetation.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.11	Rating **	A/W	Issue No.	14		
LM End	3.19	Issue Type +	Ma	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory			Start		End		
Item	2017 Stor	m Damage		38.3634	50°	38.362340°	
пеш				-121.69403	30°	-121.694060 °	
DWR ID	ID DWR_RD2068_01_f _ 2017_14						
	Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description:The damage consists of scour, cracking, and sloughing of the landside levee slope approximately 40 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:454

Site Designation:LMA-281 Repair Type: Stability Rating:Serious Field Date:7/26/2017

Notes: Site cominbed in field with LMA-279 & LMA-282; site length

redefined to reflect the changes.

LM Start	3.16	Rating **	A/W	Issue No.		20		
LM End	3.19	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Slope Sta	bility		38.3627	'65 °	38.362278 °		
пеш				-121.6940	940°	-121.694050 °		
DWR ID	DWR ID DWR_RD2068_01_s _ 2017_20							
		Comn	nent Cod	le				
S1 : Repai	r slope ins	tability.						
		Inspecto	or Comm	nent				
Repair the	slope inst	ability.						

No Photos



Repair the slope instability.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.16	Rating **	A/W	Issue No.	20 (cont)		
LM End	3.19	Issue Type +	Ма	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Slope Sta	bility		38.3627	65 °	38.362278 °	
пеш	-121.694040 °					-121.694050 °	
DWR ID DWR_RD2068_01_s _ 2017_20							
		Comn	nent Cod	le			
S1 : Repai	r slope ins	tability.					
		Inspecto	or Comm	nent			
Repair the slope instability.							



Repair the slope instability.

LM Start	3.16	Rating **	A/W	Issue No.		12			
LM End	3.34	Issue Type +	Ma	Location *		LS			
Category	Supplemental				GPS Latitude/Longitude				
Calegory	Category					End			
Item	2017 Stor	m Damage		38.36270	o°	38.360200	0		
item			-121.69400	o°	-121.694100	0			
DWR ID	DWR_RD2	RD2068_01_s _ 2018_12							
		0		l_					

#### Comment Code

#### Inspector Comment

Levee Evaluation Comments

Description:The damage consists of cracking of the upper and mid landside levee slope approximately 904 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:453

Site Designation:LMA-280 Repair Type: Stability Rating:Area of Concern Field Date:7/26/2017 Notes: Photo only. No Photos

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.26	Rating **	A/W	Issue No.		21	
LM End	3.34	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Category				Start		End	
Item	Erosion /	38.3612	92°	38.360112	0		
пеш				-121.694065 °		65 ° -121.694080 °	
DWR ID	DWR_RD2	068_01_s _ 201	7_21				
		Comn	nent Cod	le			
E2 : Sched	dule repair	of erosion sit	e prior to	the next in	spec	ction.	
	Inspector Comment						
Schedule the repairs to the erosion before flood season.							

No Photos

LM Start	3.30	Rating **	A/W	Issue No.		16
LM End	3.31	Issue Type +	Ma	Location *		
Category	Suppleme	GPS Latitude/Longitude				
Calegory						End
Item	2017 Stor	m Damage		38.3607	00°	38.360600 °
пеш				-121.6942	00°	-121.694200 °
DWR ID	DWR_RD2068_01_f _ 2017_16					
Comment Code						

Inspector Comment Levee Evaluation Comments

Description: The damage consists of scour, cracking, and sloughing of the lower and mid landside levee slope approximately 39 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:457

Site Designation:LMA-284 Repair Type: Stability Rating:Serious Field Date:7/26/2017

Notes: combined with LMA-283. Combined site length 430'.

Photo 1 of 3 : SP\_2018\_RD2068\_193\_16\_20180305\_00001.jpg



CR : Crown

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.30	Rating **	A/W	Issue No.		16 (cont)
LM End	3.31	Issue Type +	Ma	Location *		
Category	Suppleme	GPS Latitude/Longitude				
Calegory				Start		End
Item	2017 Stor	m Damage		38.36070	° 00	38.360600°
пеш			•			-121.694200 °
DWR ID	DWR_RD2068_01_f _ 2017_16					
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description: The damage consists of scour, cracking, and sloughing of the lower and mid landside levee slope approximately 39 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:457

Site Designation:LMA-284 Repair Type: Stability Rating:Serious Field Date:7/26/2017

Notes: combined with LMA-283. Combined site length 430'.

LM Start	3.30	Rating **	A/W	Issue No.	16 (cont)
LM End	3.31	Issue Type +	Ma	Location *	



Photo 3 of 3: SP\_2018\_RD2068\_193\_16\_20180305\_00003.jpg



N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.36	Rating **	A/W	Issue No.	17	
LM End	5.23	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
Calegory				Start		End
Item	2017 Stor	m Damage		38.3599	00°	38.332700 °
пеш				-121.6938	00°	-121.693700 °
DWR ID	DWR_RD2068_01_f _ 2017_17					
Comment Code						

### Inspector Comment

Levee Evaluation Comments

Description:The damage consists of scour and sloughing of the lower waterside levee slope approximately 9,950 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:459

Site Designation:LMA-286 Repair Type: Stability Rating:Area of Concern Field Date:7/26/2017

Notes:

LM Start	3.36	Rating **	A/W	Issue No.	17 (cont)
LM End	5.23	Issue Type +	Ma	Location *	WS



Photo 2 of 3 : SP\_2018\_RD2068\_193\_17\_20180305\_00005.jpg



### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.36	Rating **	A/W	Issue No.	17 (cont)	
LM End	5.23	Issue Type +	Ма	Location *	ocation * WS	
Category	Suppleme	GPS Latitude/Longitude				
Calegory		Start		End		
Item	2017 Stor	m Damage		38.35990	0°	38.332700°
пеш				-121.69380	0°	-121.693700 °
DWR ID	R ID DWR_RD2068_01_f _ 2017_17					
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description: The damage consists of scour and sloughing of the lower waterside levee slope approximately 9,950 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:459

Site Designation:LMA-286 Repair Type: Stability Rating:Area of Concern Field Date:7/26/2017

Notes:



LM Start	3.36	Rating **	A/W	Issue No.		22	
LM End	3.40	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Slope Sta	bility		38.359838 °		38.359212	0
пеш				-121.6940	85 °	-121.694107	0
DWR ID	DWR_RD2	068_01_s _ 201	7_22				
Comment Code							

S1: Repair slope instability.

Inspector Comment

Repair the slope instability.

No Photos

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.38	Rating **	A/W	Issue No.	18		
LM End	3.39	Issue Type +	Ма	Location *			
Catagony	Supplemental			GPS Latitude/Longitude			
Calegory			Start		End		
Item	2017 Stor	m Damage		38.35950	00°	38.359400 °	
item				-121.69420	00°	-121.694200 °	
DWR ID	DWR ID DWR_RD2068_01_f _ 2017_18						
	Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description:The damage consists of scour of the lower landside levee slope approximately 32 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos. Site ID No:460

Site Designation:LMA-287 Repair Type: Stability Rating:Serious Field Date:7/26/2017

Notes: levee slope is heavily impacted from deep slope cracks and

lack of levee slope support from the toe

LM Start	3.38	Rating **	A/W	Issue No.	18 (cont)
LM End	3.39	Issue Type +	Ma	Location *	



Photo 2 of 3: SP\_2018\_RD2068\_193\_18\_20180305\_00008.jpg



### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.38	Rating **	A/W	Issue No.		18 (cont)	
LM End	3.39	Issue Type +	Ma	Location *			
Catagony	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	2017 Stor	m Damage		38.3595	° 00	38.359400°	
пеш				-121.6942	° 00	-121.694200 °	
DWR ID	R ID DWR_RD2068_01_f _ 2017_18						
	Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description:The damage consists of scour of the lower landside levee slope approximately 32 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos. Site ID No:460

Site Designation:LMA-287 Repair Type: Stability Rating:Serious

Field Date:7/26/2017 Notes: levee slope is heavily impacted from deep slope cracks and

lack of levee slope support from the toe



LM Start	3.66	Rating **	С	Issue No.	23		
LM End	3.70	Issue Type +	Ma	Location *	CR		
Category	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item		rface / Depres	ssions /	38.35546	88°	38.354915 °	
пеш	Rutting			-121.69388	35 °	-121.693900 °	
DWR ID DWR_RD2068_01_s _ 2017_23							
Comment Code							
C2 : Repai	r depressi	ons or ruts in	the crow	n or slope.			

C2 : Repair depressions or ruts in the crown or slope

Inspector Comment

Gravel surface is stabile and smooth.

No Photos

N : Not Inspected/Rated C : Corrected

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

+ Issue Type

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.73	Rating **	A/W	Issue No. 27		
LM End	3.74	Issue Type +	Ma	Location *		
Catagony	Supplemental			GPS Latitude/Longitude		
Calegory	y			Start		End
Item	2017 Stor	m Damage		38.35450	00°	38.354400 °
item				-121.69400	00°	-121.694000 °
DWR ID	WR ID DWR_RD2068_01_f _ 2017_27					
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 47 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:462

Site Designation:LMA-289 Repair Type: Stability Rating:Serious Field Date:7/26/2017

Notes: 2' feet vertical cut on waterside levee toe from wavewash; site combined with LMA- 288 in field.

LM Start	3.73	Rating **	A/W	Issue No.	27 (cont)
LM End	3.74	Issue Type +	Ma	Location *	



Photo 2 of 3: SP\_2018\_RD2068\_193\_27\_20180305\_00014.jpg



### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.73	Rating **	A/W	Issue No.	27 (cont)	
LM End	3.74	Issue Type +	Ма	Location *		
Category			GPS Latitude/Longitude			
Category				Start		End
Item	2017 Stor	m Damage		38.35450	o°	38.354400 °
пеш				-121.69400	-121.694000 °	
DWR ID	DWR_RD2068_01_f _ 2017_27					
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description: The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 47 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:462

Site Designation:LMA-289 Repair Type: Stability Rating:Serious Field Date:7/26/2017

Notes: 2' feet vertical cut on waterside levee toe from wavewash; site

combined with LMA- 288 in field.

hoto 3 of 3:	SP_2018_RD2068_193	_2 <i>7</i> _20180305_00015.jj
	<b>,</b>	
		PM17217-00L/26/2017

LM Start	3.86	Rating **	С	Issue No.		24		
LM End	4.50	Issue Type +	Ma	Location *	CR			
Category Earthen Levee			GPS La	atitud	le/Longitude			
Category				Start		End		
Item	Crown Surface / Depressions /				72°	38.343270		
пеш	Rutting			-121.6939	02 °	-121.693967		
DWR ID	DWR_RD2	068_01_s _ 201	7_24					
		Comn	nent Cod	le				
C2 : Repai	ir depressi	ons or ruts in	the crow	n or slope.				
Inspector Comment								
Gravel sur	face is sta	bile and smoo	oth.					

No Photos

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	4.30	Rating **	A/W	Issue No.		28
LM End	4.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
Calegory	Category			Start		End
Item	2017 Stor	m Damage		38.34620	00°	38.346100 °
пеш				-121.69400	00°	-121.694000 °
DWR ID	R ID DWR_RD2068_01_f _ 2017_28					
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:463

Site Designation:LMA-290 Repair Type: Stability Rating:Serious Field Date:7/26/2017

Notes: 3' feet vertical cut at waterside levee toe from wavewash

LM Start	4.30	Rating **	A/W	Issue No.	28 (cont)
LM End	4.31	Issue Type +	Ma	Location *	



Photo 2 of 3 : SP\_2018\_RD2068\_193\_28\_20180305\_00017.jpg



### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

#### Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	4.30	Rating **	A/W	Issue No.		28 (cont)
LM End	4.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
Calegory			Start		End	
Item	2017 Stor	m Damage		38.3462	00°	38.346100 °
пеш				-121.6940	00°	-121.694000 °
DWR ID DWR_RD2068_01_f _ 2017_28						
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description: The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:463

Site Designation:LMA-290 Repair Type: Stability Rating:Serious Field Date:7/26/2017

Notes: 3' feet vertical cut at waterside levee toe from wavewash



LM Start	4.39	Rating **	A/W	Issue No.		29
LM End	4.40	Issue Type +	Ма	Location *		
Category	Supplemental			GPS Latitude/Longitude		
Category				Start		End
Item	2017 Stor	m Damage		38.3449	00°	38.344800 °
item				-121.694000 °		-121.694000 °
DWR ID DWR_RD2068_01_f _ 2017_29						·
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description: The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:464

Site Designation:LMA-291 Repair Type: Stability Rating:Serious Field Date:7/26/2017

Notes: 2' feet vertical cut at waterside levee toe from wavewash

### Photo 1 of 3: SP\_2018\_RD2068\_193\_29\_20180305\_00019.jpg



N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	4.39	Rating **	A/W	Issue No.	29 (cont)	
LM End	4.40	Issue Type +	Ма	Location *		
Category	Supplemental			GPS Latitude/Longitude		
Calegory	Calegory			Start		End
Itom	2017 Stor	m Damage		38.34490	o°	38.344800
Item			-121.69400	o°	-121.694000	
DWR ID	/R ID DWR_RD2068_01_f _ 2017_29					
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.

Site ID No:464

Site Designation:LMA-291 Repair Type: Stability Rating:Serious Field Date:7/26/2017

Notes: 2' feet vertical cut at waterside levee toe from wavewash

LM Start	4.39	Rating **	A/W	Issue No.	29 (cont)
LM End	4.40	Issue Type +	Ma	Location *	



Photo 3 of 3 : SP\_2018\_RD2068\_193\_29\_20180305\_00021.jpg



N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	4.69	Rating **	С	Issue No.		25			
LM End	5.41	Issue Type +	Ma	Location *		CR			
Category	evee	GPS La	atitud	e/Longitude					
Calegory				Start		End			
Item		rface / Depres	ssions /	38.3405	43°	38.330138 °			
пеш	Rutting			-121.693983 °		-121.694052			
DWR ID	DWR_RD2	068_01_s _ 201	7_25						
		Comn	nent Cod	le					
C2 : Repai	r depressi	ons or ruts in	the crow	n or slope.					
		Inspecto	or Comm	nent					
Gravel sur	Gravel surface is stabile and smooth.								

No Photos

LM Start	5.46	Rating **	A/W	Issue No.	35		
LM End	5.46	Issue Type +	Ма	Location *			
Category	Supplemental			GPS Latitude/Longitude			
Calegory			Start		End		
Item	DWR UC	IP LMA Respo	nsibility	38.32941	o°	38.329410	٥
пеш			-121.69407	3°	-121.694076	٥	
DWR ID							

### Comment Code

#### Inspector Comment

FS\_ID:17479 DS\_ID:19343 EP\_NO: 2359

Repair Type: No Action Needed

Crossing Status: Found **UCIP Comments:** 

FIELD\_STRUCT\_DESC: 1 of 3: 36-inch steel drainage pipe through the levee, 3 feet below the crown. Siphon breaker in a 36-inch steel riser on the waterside (WS) shoulder. Flap gate in a 10-foot by 20-foot concrete outlet box at the WS toe. Pump in pump house on pier on the landside (LS). (Permit No. 2359, 1956 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento

O&M Manual 109, April 1962, (HLM 5.48)]. FS Date: 8/8/2013

#### Photo 1 of 3: UCIP\_SP\_2018\_17479\_29574.jpg



Siphon breaker in 36-inch diameter steel riser on WS shoulder.

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma: Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	5.46	Rating **	A/W	Issue No.		35 (cont)		
LM End	5.46	Issue Type +	Ма	Location *				
Category Supplemental GPS Latitude				le/Longitude				
Calegory				Start		End		
Item	DWR UCI	IP LMA Respo	onsibility	38.3294	10°	38.329410 °		
пеш				-121.6940	76°	-121.694076 °		
DWR ID								
	Comment Code							

## Inspector Comment

FS\_ID:17479 DS\_ID:19343 EP\_NO: 2359

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD\_STRUCT\_DESC: 1 of 3: 36-inch steel drainage pipe through the levee, 3 feet below the crown. Siphon breaker in a 36-inch steel riser on the waterside (WS) shoulder. Flap gate in a 10-foot by 20-foot concrete outlet box at the WS toe. Pump in pump house on pier on the landside (LS). (Permit No. 2359, 1956 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento

O&M Manual 109, April 1962, (HLM 5.48)].

FS Date: 8/8/2013

LM Start	5.46	Rating **	A/W	Issue No.	35 (cont)
LM End	5.46	Issue Type +	Ma	Location *	



Pumphouse visible on pier at LS.

#### Photo 3 of 3: UCIP\_SP\_2018\_17479\_29572.jpg



Flap gate in 10'X20' concrete outlet box at WS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	5.46	Rating **	A/W	Issue No.		36		
LM End	5.46	Issue Type +	Ма	Location *				
Category	Suppleme	GPS Latitude/Longitude						
Calegory						End		
Item	DWR UC	IP LMA Respo	onsibility	38.3293	97°	38.329397 °		
пеш				-121.6940	76°	-121.694076 °		
DWR ID								
	Comment Code							

#### Inspector Comment

FS\_ID:17480 DS\_ID:19342 EP\_NO: 2359

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD\_STRUCT\_DESC: 2 of 3: 42-inch steel drainage pipe through the levee, 3 feet below the crown. Siphon breaker in a 36-inch steel riser on the waterside (WS) shoulder. Flap gate in a 10-foot by 20-foot concrete outlet box at the WS toe. Pump in pump house on pier on the landside (LS). (Permit No. 2359, 1956 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento

O&M Manual 109, April 1962, (HLM 5.48)].

FS Date: 8/8/2013

LM Start	5.46	Rating **	A/W	Issue No.	36 (cont)
LM End	5.46	Issue Type +	Ma	Location *	



Pump in pumphouse on pier at LS.

#### Photo 2 of 3: UCIP\_SP\_2018\_17480\_29577.jpg



Siphon breaker in 36-inch steel riser on WS shoulder.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	5.46	Rating **	A/W	Issue No.	36 (cont)		
LM End	5.46	Issue Type +	Ма	Location *			
Category	Supplemental			GPS Latitude/Longitude			
Calegory						End	
Item	DWR UC	IP LMA Respo	nsibility	38.3293	97°	38.329397	0
пеш				-121.6940	76°	-121.694076	0
DWR ID							
	Comment Co						

# Inspector Comment

FS\_ID:17480 DS\_ID:19342 EP\_NO: 2359

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD\_STRUCT\_DESC: 2 of 3: 42-inch steel drainage pipe through the levee, 3 feet below the crown. Siphon breaker in a 36-inch steel riser on the waterside (WS) shoulder. Flap gate in a 10-foot by 20-foot concrete outlet box at the WS toe. Pump in pump house on pier on the landside (LS). (Permit No. 2359, 1956 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento

O&M Manual 109, April 1962, (HLM 5.48)].

FS Date: 8/8/2013



Flap gate in 10'X20' concrete outlet box at WS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	5.47	Rating **	A/W	Issue No.	37		
LM End	5.47	Issue Type +	Ma	Location *			
Category			GPS La	le/Longitude			
Calegory				Start		End	
Item	DWR UC	DWR UCIP LMA Responsibility			75°	38.329275 °	
пеш				-121.6940	78 °	-121.694078 °	
DWR ID							
Comment Code							

#### Inspector Comment

FS\_ID:17503 DS\_ID:19340 EP\_NO: 15923

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD\_STRUCT\_DESC: 72-inch by 72-inch reinforced concrete box drainage culvert through the levee, 21.1 feet below the crown. 9-foot by 14-foot concrete inlet/weir on the landside (LS) toe. 7-foot by 10-foot concrete building houses a slide gate on the waterside (WS) shoulder. Flap gate in an 8-foot by 10-foot concrete U-shaped headwall on the WS toe. (Permit No. 15923, 1992 - Reclamation District No. 2068. Culvert replaced three 36-inch pipes installed under Permit No. 10160, 1974 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 109, April 1962, (HLM 5.48), listed as two 36-inch pipes, an 18-inch pipe, and a 42-inch pipe].

FS Date: 8/8/2013

LM Start	5.47	Rating **	A/W	Issue No.	37 (cont)
LM End	5.47	Issue Type +	Ma	Location *	



Slide gate in concrete building on WS shoulder.

Photo 2 of 3: UCIP\_SP\_2018\_17503\_29586.jpg



Concrete inlet/weir on LS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	5.47	Rating **	A/W	Issue No.		37 (cont)		
LM End	5.47	Issue Type +	Ма	Location *				
Category	Supplemental			Supplemental GPS Latitude/Longi			e/Longitude	
Category				Start		End		
Item	DWR UC	DWR UCIP LMA Responsibility			75°	38.329275	0	
пеш					78°	-121.694078	0	
DWR ID								
Comment Code								

#### Inspector Comment

FS\_ID:17503 DS\_ID:19340 EP\_NO: 15923

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD\_STRUCT\_DESC: 72-inch by 72-inch reinforced concrete box drainage culvert through the levee, 21.1 feet below the crown. 9-foot by 14-foot concrete inlet/weir on the landside (LS) toe. 7-foot by 10-foot concrete building houses a slide gate on the waterside (WS) shoulder. Flap gate in an 8-foot by 10-foot concrete U-shaped headwall on the WS toe. (Permit No. 15923, 1992 - Reclamation District No. 2068. Culvert replaced three 36-inch pipes installed under Permit No. 10160, 1974 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 109, April 1962, (HLM 5.48), listed as two 36-inch pipes, an 18-inch pipe, and a 42-inch pipe].

FS Date: 8/8/2013

### Photo 3 of 3: UCIP\_SP\_2018\_17503\_29585.jpg



Flap gate in concrete outlet on WS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/15/2018 03/15/2018	Keith Millard

LM Start	0.01	Rating **	A/W	Issue No.		11	
LM End	1.85	Issue Type +	Ма	Location *	CR		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory						End	
Item	Vegetation			38.3583	13°	38.382542 °	
item				-121.740385 °		-121.730262°	
DWR ID	DWR_RD2068_02_s _ 2017_11						
Comment Code							
V9 : Keep the crown roadway free of vegetation.							
Inspector Comment							
Crown is free of vegetation.							



Lack of crown vegetation looking north from LM 1.02.

LM Start	1.85	Rating **	A/W	Issue No.		15	
LM End	2.16	Issue Type +	Ma	Location *		CR	
Category Earthen Levee			GPS La	e/Longitude			
Calegory				Start		End	
Item	Vegetation			38.38254	42 °	38.386237°	
пеш				-121.73026	62 °	-121.726930 °	
DWR ID	DWR_RD2068_02_s _ 2017_15						
Comment Code							

Comment Code
V9 : Keep the crown roadway free of vegetation.

#### Inspector Comment

Vegetation on crown is currently acceptable, but should be monitored and controlled.

No Photos

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/15/2018 03/15/2018	Keith Millard

LM Start	3.15	Rating **	М	Issue No.	24					
LM End	3.15	Issue Type +	Ма	Location *						
Category	Supplemental			Supplemental			GPS Lat	ituc	le/Longitude	
Calegory				Start		End				
Item	DWR UCIP LMA Responsibility			38.39793	3°	38.397933	0			
item				-121.716406 °		-121.716406	0			
DWR ID										
Comment Code										

#### Inspector Comment

FS\_ID:42725 DS\_ID:19352 EP\_NO: 10164

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 09/14/2017 ABO issued as Permit No. 10164 defines the 48-inch pipe as a drainpipe. (DWR UCIP - O. Magana) 08/13/2013 Appears abandoned and if so should be done properly. Pipe burried except for small opening. (DWR UCIP - W. Wylie) FIELD\_STRUCT\_DESC: \*ABANDONED\* 48-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. (48-inch pipe [HLM 3.20]authorized under Automatic Board Order (ABO) issued as Permit No. 10164, 1974 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 109, April 1962, (HLM 3.20)].

FS Date: 8/13/2013



Pipe burried but visible at toe of east side of levee.